

Title (en)  
Distal protection device

Title (de)  
Distale Schutzvorrichtung

Title (fr)  
Dispositif de protection distale

Publication  
**EP 1905365 A1 20080402 (EN)**

Application  
**EP 07022566 A 19980304**

Priority  
• EP 04022140 A 19980304  
• EP 98908908 A 19980304  
• US 81082597 A 19970306

Abstract (en)  
The present invention relates to (with reference to Figures 16A, 16B) a collapsible intravascular distal protection device for an emboli capturing system. It comprises a guidewire (194) having a distal tip, an expandable member (200;208) attached to the guidewire (194), a mesh (202;210) attached to the expandable member (200;208), and a sheath (204) having a cavity sized to receive and collapse the expandable member (200;208) and attached mesh (202;210). The guidewire (194) is slidably received with the sheath (204) and the distal tip of the guidewire (194) may extend beyond the end of the sheath (204). The expandable member (200;208) when expanded has a diameter greater than the diameter the sheath (204). Starting with the expandable member (200;208) received in the sheath (204), moving the sheath (204) away from the expandable member (200;208) using the actuator wire (196) allows the expandable member (200;208) and attached mesh (202;210) to expand from a collapsed position to a deployed position.

IPC 8 full level  
**A61B 17/22** (2006.01); **A61F 2/01** (2006.01); **A61B 17/00** (2006.01); **A61F 2/00** (2006.01); **A61F 2/02** (2006.01)

CPC (source: EP US)  
**A61B 17/22031** (2013.01 - EP US); **A61B 17/221** (2013.01 - EP US); **A61F 2/0105** (2020.05 - EP US); **A61F 2/0108** (2020.05 - EP US); **A61F 2/013** (2013.01 - EP US); **A61F 2/014** (2020.05 - EP US); **A61B 2017/00539** (2013.01 - EP US); **A61B 2017/22038** (2013.01 - EP US); **A61B 2017/22042** (2013.01 - EP US); **A61B 2017/22049** (2013.01 - EP US); **A61B 2017/22061** (2013.01 - EP US); **A61B 2017/2212** (2013.01 - EP US); **A61F 2002/015** (2013.01 - EP US); **A61F 2002/018** (2013.01 - EP US); **A61F 2002/30092** (2013.01 - EP US); **A61F 2210/0014** (2013.01 - EP US); **A61F 2230/0006** (2013.01 - EP US); **A61F 2230/0021** (2013.01 - EP US); **A61F 2230/0067** (2013.01 - EP US); **A61F 2230/0076** (2013.01 - EP US); **A61F 2230/008** (2013.01 - EP US); **A61F 2230/0086** (2013.01 - EP US); **A61F 2250/0003** (2013.01 - EP US); **A61M 2025/09125** (2013.01 - EP US); **A61M 2025/09183** (2013.01 - EP US)

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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9838920 A1 19980911**; AT E288704 T1 20050215; AT E483411 T1 20101015; DE 29824749 U1 20021010; DE 69828946 D1 20050317; DE 69828946 T2 20060511; DE 69838800 D1 20080110; DE 69838800 T2 20080430; DE 69841933 D1 20101118; EP 0923344 A1 19990623; EP 0923344 A4 20030723; EP 0923344 B1 20050209; EP 1510177 A1 20050302; EP 1510177 B1 20071128; EP 1905365 A1 20080402; EP 1905365 B1 20101006; US 2001044632 A1 20011122; US 2003083693 A1 20030501; US 2003130685 A1 20030710; US 2003130686 A1 20030710; US 2003130687 A1 20030710; US 2003130688 A1 20030710; US 2004106944 A1 20040603; US 2005101986 A1 20050512; US 2005119691 A1 20050602; US 5814064 A 19980929; US 6001118 A 19991214; US 6053932 A 20000425; US 6245089 B1 20010612; US 6663652 B2 20031216; US 6872216 B2 20050329

DOCDB simple family (application)  
**US 9804184 W 19980304**; AT 07022566 T 19980304; AT 98908908 T 19980304; DE 29824749 U 19980304; DE 69828946 T 19980304; DE 69838800 T 19980304; DE 69841933 T 19980304; EP 04022140 A 19980304; EP 07022566 A 19980304; EP 98908908 A 19980304; US 16045002 A 20020530; US 3391005 A 20050112; US 34637203 A 20030117; US 34637303 A 20030117; US 34651903 A 20030117; US 34697503 A 20030117; US 40949799 A 19990930; US 65030303 A 20030828; US 65030403 A 20030828; US 73533200 A 20001212; US 81082597 A 19970306; US 8209698 A 19980520; US 94335897 A 19971003